

1. Roll-Call: please sign below

STDT members		Study Office members	
SA	Allen, Steve		Gelmis, Gregg
Mwb	Bautz, Mark	msk	King, Mark
	Brandt, Niel	das	Schwartz, Dan
here	Bregman, Joel	eds	Schwartz, Eric
here	Donahue, Megan	das	Swartz, Doug
here	Evans, Dan	ht	Tananbaum, Harvey
JAG	Gaskin, Jessica		Weisskopf, Martin
RCH	Hickox, Ryan	Pat Slane	
	Hornschemeier, Ann		
TJ	Jeltema, Tesla		
JAK	Kollmeier, Juna		
lal	Lopez, Laura		
	Madau, Piero		
On travel	McNamara, Brian		
	Nandra, Paul		
RAO	Osten, Rachel		
On travel	Ozel, Feryal		
FP	Paerels, Frits		
	Parmar, Arvind		
RP	Petre, Rob		
here	Pivovarovoff, Mike		
	Pooley, Dave		
gwp	Pratt, Gabriel		
	Ptak, Andy		
EQ	Quataert, Eliot		
On travel	Reynolds, Chris		
On travel	Smith, Randall		
ds	Stern, Daniel		
mst	Tashiro, Makoto		
av	Vikhlinin, Alexey		

2. State of X-ray Surveyor optics technology (Mark Schattenburg, MIT)

<https://drive.google.com/open?id=0B1my4rwDLuZsdElra0pZU01QXzg>

3. Technology Gaps discussion and upcoming deadline

We need more presentations on the X-ray optics technology, and on the science instruments (see the [previous telecon minutes](#) for summary of emerging requirements). Suggestions for presenters?

Calorimeters - Simon Bandler - **confirmed**

Here is a link to last year PATR inputs:

Gratings - Randy McIntaffer / Ralf Heilmann

3. Working groups

3.1 Review of suggestions on the science working groups:

(see Dropbox folder

https://www.dropbox.com/sh/acvo33scj955k10/AACjt3S7WD6QgBu_mDLbDuYFa?dl=0)

3.2 Technical working groups

- Their *raison d'être*: inform STDT on the technical issues; coordinate on-going in-parallel efforts to the degree possible; assist the STDT with the technical aspects of the Decadal package; provide inputs for formulation of the post-decadal technology roadmap; what else?
- Are we ready to issue a call for the optics working group?
- Ideas for its management structure
- Approaches for additional technology working groups

- Ad-hoc group to look at the options for boosting high-E performance of the X-ray Surveyor baseline design. AV prefers that this is established as a group of interested STDT members instead of the regular community working group. The charge is to present options and identify Decadal-grade science achieved by these options. Then present to the full STDT in ~ 4-6 months.

Volunteers: Dan Stern,

4. X-ray Surveyor Web site

<http://www.wastro.msfc.nasa.gov/xrs/>

5. Updates on the X-ray Surveyor science (time permitting)

(summary moved [here](#) from the previous telecon's minutes page).

Here is a link to last year PATR inputs: